

Converting Colors

XYZ(38.4979, 30.7248, 44.3310)

Have a look what the booklet for
XYZ(38.4979, 30.7248, 44.3310)
contains.

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Color

**XYZ(38.4854, 30.7962,
44.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	C482AF
RGB	196, 130, 175
RGB Percent	77%, 51%, 69%
CMY	0.2314, 0.4902, 0.3137
CMYK	0.00, 0.34, 0.11, 0.23
HSL	319°, 36%, 64%
HSV	319°, 34%, 77%
XYZ	38.4854, 30.7962, 44.4733
YIQ	154.8640, 24.8910, 27.9870

Conversions

Conversions Part 2

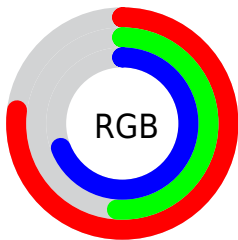
Format	Color
R_{YB}	196, 130, 175
Decimal	12878511
CIE _{Lab}	62.34, 32.25, -13.33
CIE _{LCh}	62, 34.899, 337.543
Yxy	30.7962, 0.3383, 0.2707
Android (android.graphics.Color)	4291068591 (0xFFC482AF)
YUV	154.8640, 9.9270, 36.0763
Hunter-Lab	55.4943, 26.6750, -8.6691

Details

The XYZ color **38.4854, 30.7962, 44.4733** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.5330, 46.4608, 36.4279**, and the grayscale version is **31.0462, 32.6631, 35.5701**.

A 20% lighter version of the original color is **72.0723, 60.9331, 83.5640**, and **17.3556, 12.6847, 20.2725** is the 20% darker color. If you saturate the color by 10%, you get **35.5241, 25.8310, 40.5337**, and if you desaturate by 10%, it is **41.9734, 36.7686, 48.7288**.

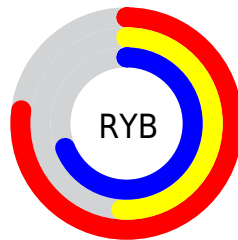
Distribution



Red (77%)

Green (51%)

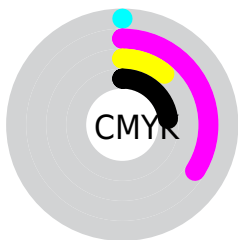
Blue (69%)



Red (77%)

Yellow (51%)

Blue (69%)

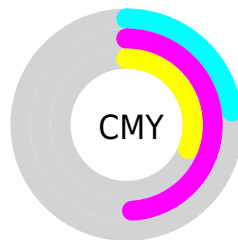


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4854, 30.7962, 44.4733 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 38.4854, 30.7962, 44.4733 by changing the saturation by 10% instead.


 38.4854, 30.7962,
44.4733


 38.4854, 30.7962,
44.4733

330.9426,
305.5983, 380.7339


 26.5386, 20.4437,
30.7028


 72.1506, 60.9191,
83.2395

 17.3618, 12.7180,
20.1161


 94.5997, 81.4582,
109.0724

 10.5897, 7.2346,
12.2946


 121.2803,
106.1617, 139.7631

 5.8569, 3.6093,
6.8196

152.5577,
135.4140, 175.7303

 2.7981, 1.4575,
3.2728

188.7973,
169.5994, 217.3924

 1.0479, 0.2585,
1.2356

230.3644,

 0.0000, 0.0000,

209.1023, 265.1680

0.0081

277.6244,
254.3071, 319.4757

■ 0.0000, 0.0000,
0.0000

■ 38.4854, 30.7962,
44.4733

■ 38.4854, 30.7962,
44.4733

■ 35.5241, 25.8310,
40.5337

■ 41.9734, 36.7686,
48.7288

■ 33.0581, 21.8121,
36.8965

■ 46.0118, 43.7963,
53.3088

■ 31.0568, 18.6786,
33.5501

■ 50.6260, 51.9293,
58.2240

■ 29.4849, 16.3604,
30.4808

■ 55.8391, 61.2131,
63.4838

■ 28.3018, 14.7771,
27.6730

■ 61.6729, 71.6907,
69.0972

■ 27.4586, 13.8315,
25.1083

■ 68.1481, 83.4029,
75.0728

■ 27.0426, 13.4469,
23.5906

■ 71.2663, 88.3523,
80.0795

■ 72.1013, 88.6863,
84.4768

■ 72.9675, 89.0328,
89.0378

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.1571, 30.7962, 58.6527



38.4854, 30.7962, 44.4733



39.2218, 30.7962, 30.2341

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.4854, 30.7962, 44.4733



28.0955, 30.7962, 13.8006



22.6481, 30.7962, 51.9958

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.4854, 30.7962, 44.4733



34.5330, 46.4608, 36.4279

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.1637, 30.7962, 37.0610



38.4854, 30.7962, 44.4733



24.0813, 30.7962, 16.8560

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.4854, 30.7962, 44.4733



32.8765, 30.7962, 14.7896



21.6587, 30.7962, 24.5505



25.9390, 30.7962, 63.7470

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.4854, 30.7962, 44.4733



38.0783, 30.7962, 22.8911



21.6587, 30.7962, 24.5505



21.9384, 30.7962, 47.0448

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.4863, 30.7976, 44.4739



86.1688, 84.2841, 99.6303



30.6918, 26.5222, 55.7265



18.1954, 17.6039, 21.0571



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.4863, 30.7976, 44.4739



65.8891, 49.3456, 75.5418



35.6387, 29.6585, 29.4785



10.3565, 10.1912, 11.9678



17.4165, 8.6564, 15.3713



0.7827, 0.3861, 0.8231

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.4863, 30.7976, 44.4739



65.8891, 49.3456, 75.5418



37.5881, 47.6829, 52.5158



10.3565, 10.1912, 11.9678



17.4165, 8.6564, 15.3713



0.7827, 0.3861, 0.8231

Previews

White Background



This preview shows how the XYZ color 38.4854, 30.7962, 44.4733 looks on a white background.

Color Contrast Check

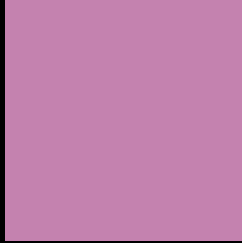
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 38.4854, 30.7962, 44.4733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

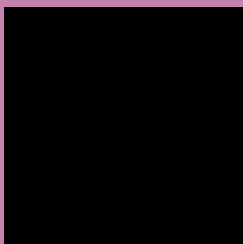
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4854, 30.7962, 44.4733

Background



This preview shows how black text looks on a background with the XYZ color 38.4854, 30.7962, 44.4733.



This preview shows how white text looks on a background with the XYZ color 38.4854, 30.7962,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38.4854, 30.7962, 44.4733

Protanopia

31.1388, 31.1943, 51.9569

Deuteranopia

31.5904, 30.9139, 43.3317



Tritanopia

35.5905, 30.6097, 31.2266

Trichromacy



Original Color

38.4854, 30.7962, 44.4733

Protanomaly

33.2700, 30.7452, 48.9806

Deuteranomaly

33.8623, 30.7248, 43.6809

Tritanomaly

36.4657, 30.5468, 35.8725

Monochromacy



Original Color

38.4854, 30.7962, 44.4733

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.3780, 31.7125, 38.5443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4854, 30.7962, 44.4733 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 130, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 130, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 175) }
```

Border

The CSS property to change the border of an element to XYZ 38.4854, 30.7962, 44.4733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 130, 175) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 130, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 130, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4854, 30.7962, 44.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
130, 175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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